

Converting Colors

XYZ(22.6025, 28.1017, 25.7092)

Have a look what the booklet for
XYZ(22.6025, 28.1017, 25.7092)
contains.

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Color

**XYZ(22.5582, 28.0660,
25.7011)**

Conversions

Conversions Part 1

Format	Color
Hex	739983
RGB	115, 153, 131
RGB Percent	45%, 60%, 51%
CMY	0.5490, 0.4000, 0.4863
CMYK	0.25, 0.00, 0.14, 0.40
HSL	145°, 16%, 53%
HSV	145°, 25%, 60%
XYZ	22.5582, 28.0660, 25.7011
YIQ	139.1300, -15.5860, -14.8980

Conversions

Conversions Part 2

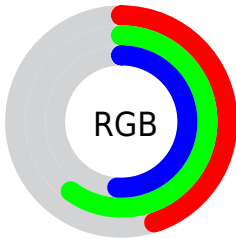
Format	Color
RYB	115, 142, 153
Decimal	7575939
CIELab	59.95, -17.79, 7.34
CIELCh	60, 19.249, 157.575
Yxy	28.0660, 0.2956, 0.3677
Android (android.graphics.Color)	4285766019 (0xFF739983)
YUV	139.1300, -4.0081, -21.1620
Hunter-Lab	52.9774, -16.7036, 8.3206

Details

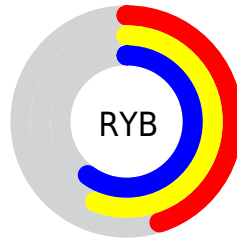
The XYZ color **22.5582, 28.0660, 25.7011** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7839, 20.8406, 26.4371**, and the grayscale version is **24.6105, 25.8922, 28.1966**.

A 20% lighter version of the original color is **47.1130, 56.4112, 53.7527**, and **8.5211, 11.2702, 9.7089** is the 20% darker color. If you saturate the color by 10%, you get **20.1360, 26.8845, 22.5868**, and if you desaturate by 10%, it is **25.3673, 29.4425, 29.1027**.

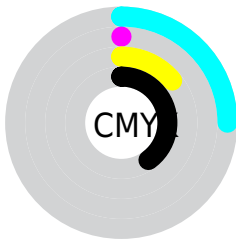
Distribution



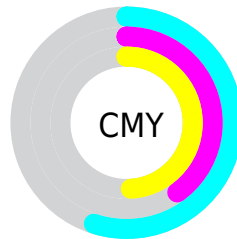
- Red (45%)
- Green (60%)
- Blue (51%)



- Red (45%)
- Yellow (56%)
- Blue (60%)



- Cyan (25%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (55%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5582, 28.0660, 25.7011 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 22.5582, 28.0660, 25.7011 by changing the saturation by 10% instead.

■ 22.5582, 28.0660,
25.7011

■ 22.5582, 28.0660,
25.7011

258.0256,
292.7822, 294.8703

■ 14.3865, 18.3754,
16.3764

■ 47.1389, 56.5898,
53.7705

■ 8.4735, 11.2199,
9.6337

■ 64.2786, 76.1918,
73.3523

■ 4.4537, 6.2149,
5.0543

■ 85.1384, 99.8664,
97.1902

■ 1.9619, 2.9762,
2.2199

110.0836,
127.9980, 125.7028

■ 0.6124, 1.1193,
0.6858

139.4795,
160.9710, 159.3085

■ 0.0000, 0.0000,
0.0000

173.6916,

199.1697, 198.4260

213.0852,
242.9787, 243.4738

■ 22.5582, 28.0660,
25.7011

■ 22.5582, 28.0660,
25.7011

■ 20.1360, 26.8845,
22.5868

■ 25.3673, 29.4425,
29.1027

■ 18.0806, 25.8856,
19.7504

■ 28.5775, 31.0190,
32.7970

■ 16.3735, 25.0606,
17.1847

■ 32.2051, 32.8045,
36.7914

■ 14.9938, 24.3989,
14.8815

■ 36.2650, 34.8064,
41.0928

■ 13.9181, 23.8885,
12.8321

■ 40.7710, 37.0319,
45.7076

■ 13.1195, 23.5160,
11.0274

■ 45.7365, 39.4876,
50.6420

■ 12.5646, 23.2641,
9.4572

■ 51.1744, 42.1802,
55.9022

■ 12.3292, 23.1585,
8.7336

■ 57.0969, 45.1157,
61.4942

■ 63.5157, 48.3001,
67.4237

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.9080, 28.0660, 21.0742



22.5582, 28.0660, 25.7011



22.2779, 28.0660, 32.3704

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.5582, 28.0660, 25.7011



27.3011, 28.0660, 45.9594



30.5819, 28.0660, 23.0556

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22.5582, 28.0660, 25.7011



23.7839, 20.8406, 26.4371

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.6177, 28.0660, 28.8166



22.5582, 28.0660, 25.7011



29.6496, 28.0660, 42.5328

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22.5582, 28.0660, 25.7011



24.9208, 28.0660, 44.7862



31.2664, 28.0660, 35.9937



28.5115, 28.0660, 19.7176

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22.5582, 28.0660, 25.7011



22.7184, 28.0660, 37.2318



31.2664, 28.0660, 35.9937



31.0682, 28.0660, 24.7354

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22.5590, 28.0672, 25.7017



49.7887, 54.8668, 57.1636



24.8306, 29.3540, 20.5772



10.9263, 12.0819, 12.5454



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.5590, 28.0672, 25.7017



37.8191, 49.0027, 42.7546



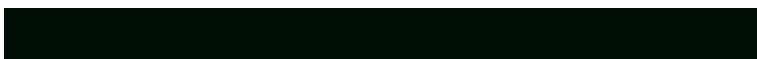
23.9540, 28.6252, 33.0478



6.2347, 6.9666, 7.1591



10.2054, 19.1456, 7.3021



0.1702, 0.2933, 0.2018

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.7839, 20.8406, 26.4371



40.4109, 33.7077, 44.3068



22.5484, 20.3464, 19.9307



6.3512, 6.2796, 7.2293



12.3501, 6.1943, 8.3686



0.2028, 0.0999, 0.2206

Previews

White Background



This preview shows how the XYZ color 22.5582, 28.0660, 25.7011 looks on a white background.

Color Contrast Check

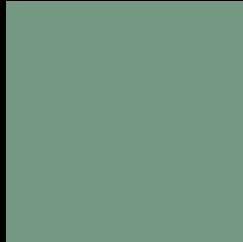
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.5582, 28.0660, 25.7011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5582, 28.0660, 25.7011

Background



This preview shows how black text looks on a background with the XYZ color 22.5582, 28.0660, 25.7011.



This preview shows how white text looks on a background with the XYZ color 22.5582, 28.0660,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

22.5582, 28.0660, 25.7011

Protanopia

26.5017, 28.0322, 23.7526

Deuteranopia

28.4360, 27.8679, 26.4346



Tritanopia

25.0656, 28.1330, 37.8273

Trichromacy



Original Color

22.5582, 28.0660, 25.7011

Protanomaly

24.8112, 27.8292, 24.4860

Deuteranomaly

25.8840, 27.6597, 26.1649

Tritanomaly

24.0191, 27.9366, 32.9805

Monochromacy



Original Color

22.5582, 28.0660, 25.7011

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.6231, 26.4699, 27.1567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5582, 28.0660, 25.7011 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(115, 153, 131)` looks like.

```
.text, #text, p{  
    color:rgb(115, 153, 131)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(115, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 153, 131) }
```

Border

The CSS property to change the border of an element to XYZ 22.5582, 28.0660, 25.7011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 153, 131) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(115, 153, 131) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(115, 153, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 153, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 153, 131);  
box-shadow:4px 4px 4px 4px rgb(115, 153,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5582, 28.0660, 25.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 153, 131) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(115,  
153, 131) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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